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NEW DUTY on PAPER.

THE PAPER-MAKER AND STATIONERS ASSISTANT,

CONTAINING

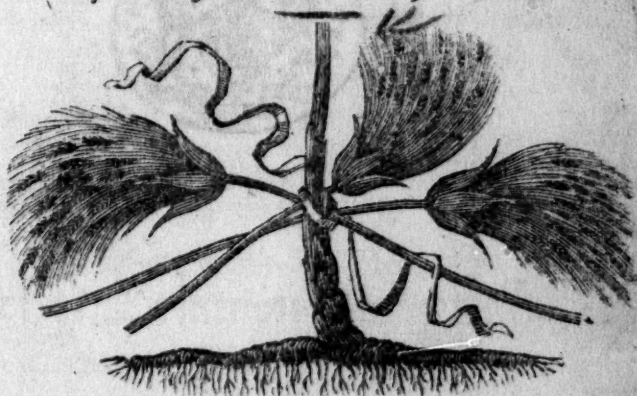
- | | |
|---|--|
| I. The Average Weight
of Paper. | IV. The Old Duty. |
| II. The Quantity of Reams
in a Day's Work, | V. The Advance Duty. |
| III. The Dimensions. | VI. The Whole Duty as
altered by the late Act
of Parliament. |

TO WHICH ARE ADDED,

T A B L E S,

Shewing the Duty on Paper, from a Haltpenny to
Twopence Haltpenny, ready cast up from
One Pound Weight to a Thousand.

By R. JOHNSON, *Stationer.*



PAPYRUS, or the Origin of Paper.

L O N D O N :

Sold by DEBRETT, Piccadilly; JOHNSON, St. Paul's
Church-Yard; and BLADON and SYMONDS, Pater-
noster-Row, 1794.—[Entered at Stationer's Hall.]



TO THE
PAPER - MAKERS, STATIONERS,
BOOKSELLERS, PRINTERS, &c.

GENTLEMEN,

THE very heavy additional Duty on Paper being a matter of the greatest importance to every person concerned in the Business of a STATIONER, BOOKSELLER, or PRINTER, &c. it has been suggested to me that a Collection of TABLES, (which were in part composed some time back, and some few Copies in MSS. distributed amongst my Friends) would, with the necessary Alterations, be extremely useful at this crisis. I have, therefore, at their solicitation, now made them public; should they meet with your Approbation, I may be induced, at some future time, to present you with *A Complete Treatise on the Art of Paper-Making*, which I have with much labour and study nearly finished.

I hope my indulgent Perusers will excuse the Errors that may appear in the Column of the Day's Work, as they vary in each County, nay, even upon the same Stream; for this reason I have left many *blank*: but it is generally regulated by the Weight. Any Correction will be very thankfully received.

I am, Gentlemen,

Your most humble Servant,

Canonbury Priory,
Islington.

R. JOHNSON.

N. B. It is my duty to inform the Public, the New Duty upon Paper will fall very heavy on the Manufacturer, on account of the *high price of Rags*; and wanting a much greater capital to carry it on, Paper will be of a higher price than the mere additional Duty.

A Short HISTORY of PAPER.

FROM the Papyrus we may trace the origin of Paper. It grows on the borders of the Nile. The head is composed of a number of small grassy filaments, each about a foot long. About the middle, each of these filaments parts into four, and in the point, or partition, are four branches of flowers: the head of this is not unlike an ear of wheat in form, but which, in fact, is but a chaffy, silky, soft husk. The whole length of the stalk, comprehending the head, is little above ten feet, of a vivid green, thickest at the bottom, and tapering up to the top; and is of a triangular form. The top was used to crown the statues of the gods, men of merit, &c. The bark, &c. was used as Paper in the time of Numa who lived three hundred years before Alexander the Great—(See Vignette in the title page)—*Pliny, Bruce.*

Cotton Paper was in use in the year 1000. Paper made of linen rags, 1417. The manufacture of it introduced into England at Dartford in Kent, 1588. Scarce any but Brown Paper made in this Country, till 1690. White Paper first made in England, 1690. Sizing in the engine invented by a Chemist who lived near Temple-Bar. The farthest date I can trace it back is to 1746 or 47; used first at Mr. Fairchild's Mill, Wickham.

Blueing of Paper was the thought of Mrs. Buckingham, Paper-Maker, West Peckham, Kent, 1746. The experiment first tried in the stuff, preparing for an ordinary Double Crown, it produced more by Four Shillings per Bundle clear profit. On this occasion, Mr. Buckingham took his wife home a new *red cloak*.—From the late Mr. C. Patch, of Charlton, to whose memory I must always acknowledge I am indebted, and who taught me the first principles to judge of the beauties of a sheet of Paper.

An Abstract from the Act.

THAT the Duties of Excise on Paper, Pasteboards, Millboards, Scaleboards, and Glazed Paper do cease, and the following be charged in lieu thereof, agreeable to this Act of April 5, 1794.

FIRST CLASS.—Twopence Half-penny per lb. Excise Duty upon all Paper used for Writing, Drawing, and Printing —Also, upon all kinds of Cartridges and Elephants.

SECOND CLASS.—One Penny per lb. for Coloured and Whited Brown.

THIRD CLASS.—One Half-penny per lb. for Wrapping Paper.

Pasteboard, Millboard, and Scaleboard, 10s. 6d. cwt. Old Duty was 6s. 10d $\frac{3}{4}$.

Glazed Papers for Hot-Pressers and Cloathiers imported, to pay, 12s. per cwt.—If made in Great Britain, 6s. duty.

The Drawback to be allowed for Exportation.

Printed Books bound and unbound, provided the Paper has the Water Mark of 1794, Twopence per lb. —Twopence per lb. Drawback upon all Accompt Books ruled and plain for exportation.

Importation.—Tenpence per lb. on the First Class. Fourpence on the Second Class. Twopence on the Third Class. Sixpence per lb. on Paper Hangings, and Twenty Shillings per cwt. upon Pasteboard, &c. &c. One Pound Three Shillings and Fourpence per cwt. on Books.

Allowance of the whole Duty on all Papers used in Printing Books in Latin, Greek, Oriental, or Northern Languages within the Universities of Great Britain, by permission of the Vice-Chancellor and Principals of the same.

Paper-Makers neglecting to enter the Rooms for the Paper, 50l. Penalty.—Twenty-four Hours Notice to be given to the Officer when Paper is intended to be stamped.

No Maker to use less than a Pound Weight at his Mill, and all Papers after stamped, to remain Twenty-four Hours before they can be sent out of the Mill. The Christian and Surname of the Officer to be on each Bundle, and 50l. penalty for defacing such Name; also, all the Bundles made in each Quarter of a Year to be regularly numbered, 1, 2, 3, &c.

Counterfeiting the Stamp, 500l. Penalty.—Wilfully defacing the Stamp with an intent to defraud, 50l. Penalty.

An Officer may take a Sample out of any Quire, provided he pays for it, if requested.—If wrong classed, liable to be seized, and 50l. Penalty.

Paper-Makers to make an entry at the Excise-Office of every Six Weeks Quantity of Paper—but need not go farther than the next Market-Town.

If the Duty on the Entry be not paid within Six Weeks after such Entry, the Penalty to be double the Amount of the Duty.

On 48 Hours Notice Paper may be removed from one Mill to another, with a proper Order from the Officer.

Paper-Makers to provide Weights and Scales.—If false Weights and Scales, 100l. Penalty.—Not to help the Officer, 50l. Penalty.

No Stationer to receive less than a Ream from a Maker into his Possession, properly marked, under the Penalty of 50l. and forfeiture of the Paper.

Any Maker fraudulently concealing Paper, to forfeit 50l.

No Stationer to return the Wrappers to the Maker, but to destroy them when opened, or forfeit 100l.—The Penalty not to extend to Paper disapproved and returned.

His Majesty to have the Turn of the Scale, allowing the Maker Two Pounds to a Hundred.



A TABLE to tell the Weight of PAPER, weighing Three Sheets at once.

N. B. Allow for the Outfides, eight Sheets to a Ream.

Wt. of 3 Sheets.		Wt. per Quire.		Wt. per Ream.	Wt. of 3 Sheets.		Wt. per Quire.		Wt. per Ream.		
Oz.	Dr.	lb.	oz.	dr.	lb.	Oz.	Dr.	lb.	oz.	dr.	lb.
0	8	0	4	0	5	4	10	2	5	0	46 $\frac{1}{4}$
0	10	0	5	0	6 $\frac{1}{4}$	4	12	2	6	0	47 $\frac{1}{2}$
0	12	0	6	0	7 $\frac{1}{2}$	4	14	2	7	0	48 $\frac{3}{4}$
0	14	0	7	0	8 $\frac{1}{4}$	5	0	2	8	0	50
1	0	0	8	0	10	5	2	2	9	0	51 $\frac{1}{4}$
1	2	0	9	0	11 $\frac{1}{4}$	5	4	2	10	0	52 $\frac{1}{2}$
1	4	0	10	0	12 $\frac{1}{2}$	5	6	2	11	0	53 $\frac{3}{4}$
1	6	0	11	0	13 $\frac{3}{4}$	5	8	2	12	0	55
1	8	0	12	0	15	5	10	2	13	0	56 $\frac{1}{4}$
1	10	0	13	0	16 $\frac{1}{4}$	5	12	2	14	0	57 $\frac{1}{2}$
1	12	0	14	0	17 $\frac{1}{2}$	5	14	2	15	0	58 $\frac{3}{4}$
1	14	0	15	0	18 $\frac{3}{4}$	6	0	3	0	0	60
2	0	1	0	0	20	6	2	3	1	0	61 $\frac{1}{4}$
2	2	1	1	0	21 $\frac{1}{4}$	6	4	3	2	0	62 $\frac{1}{2}$
2	4	1	2	0	22 $\frac{1}{2}$	6	6	3	3	0	63 $\frac{3}{4}$
2	6	1	3	0	23 $\frac{3}{4}$	6	8	3	4	0	65
2	8	1	4	0	25	6	10	3	5	0	66 $\frac{1}{4}$
2	10	1	5	0	26 $\frac{1}{4}$	6	12	3	6	0	67 $\frac{1}{2}$
2	12	1	6	0	27 $\frac{1}{2}$	6	14	3	7	0	68 $\frac{3}{4}$
2	14	1	7	0	28 $\frac{3}{4}$	7	0	3	8	0	70
3	0	1	8	0	30	7	2	3	9	0	71 $\frac{1}{4}$
3	2	1	9	0	31 $\frac{1}{4}$	7	4	3	10	0	72 $\frac{1}{2}$
3	4	1	10	0	32 $\frac{1}{2}$	7	6	3	11	0	73 $\frac{3}{4}$
3	6	1	11	0	33 $\frac{3}{4}$	7	8	3	12	0	75
3	8	1	12	0	35	7	10	3	13	0	76 $\frac{1}{4}$
3	10	1	13	0	36 $\frac{1}{4}$	7	12	3	14	0	77 $\frac{1}{2}$
3	12	1	14	0	37 $\frac{1}{2}$	7	14	3	15	0	79 $\frac{3}{4}$
3	14	1	15	0	38 $\frac{3}{4}$	8	0	4	0	0	80
4	0	2	0	0	40						
4	2	2	1	0	41 $\frac{1}{4}$						
4	4	2	2	0	42 $\frac{1}{2}$						
4	6	2	3	0	43 $\frac{3}{4}$						
4	8	2	4	0	45						

16 Drams—1 Ounce.
16 Ounces—1 Pound.
256 Drams—1 Pound.

F I R S T

✓ Drawing, Copper-Plate, and Printing

* * R stands for Reams.

Names of Papers.	Weight.	Reams a Day's Work.	Old Table.
	lb.		
Atlas Double	236 R		2
Atlas	98 R		2
Inferior	96 R		2
Small			2
Columbier	100 R	2 $\frac{1}{2}$	2
Copy Writing	17 R	9	2
Crown Single	30 B	10	3
Inferior	30 B	10	3
Double	48 B	5	3
Double Inferior	46 B	5	3
Tissue	10 B		3
Cartridge Square	56 R	5	4
Cartridge	56 R	5	4
Cartridge	50 R	5	4
Copy Plate	25 R	9	2
Crown Plate	22 R	10	2
Demy Single	41 B	7	3
Inferior	36 B	7	3
Plate	30 R	6	2
Plate	26 R	6	2
Short	25 R	9	2
Tissue	14 B	7	3
Writing	24 R	6	1

C L A S S.

Papers.—Duty Two-pence $\frac{1}{2}$ pr. lb.

B for Bundles.

Dimensions.	Old Duty.			The Advance.			The Whole Duty, taken by the lb.		
	L.	s.	d.	L.	s.	d.	L.	s.	d.
55 by 31 $\frac{1}{2}$	2	6	0	0	3	2	2	9	2
26 $\frac{1}{4}$ 34	0	17	3	0	3	2	1	0	5
26 $\frac{1}{4}$ 34	0	10	4 $\frac{3}{4}$	0	9	7 $\frac{1}{4}$	1	0	0
25 31	0	8	7 $\frac{3}{4}$						
23 $\frac{1}{2}$ 34 $\frac{1}{2}$	0	12	1	0	8	9	1	0	10
16 20 $\frac{1}{4}$	0	1	6 $\frac{1}{2}$	0	2	0	0	3	6 $\frac{1}{2}$
15 20	0	3	0 $\frac{3}{4}$	0	3	2 $\frac{1}{4}$	0	6	3
15 20	0	1	11	0	4	4	0	6	3
20 30	0	3	5 $\frac{1}{2}$	0	6	6 $\frac{1}{2}$	0	10	0
20 30	0	2	8 $\frac{1}{4}$	0	6	10 $\frac{1}{4}$	0	9	7
15 20	0	1	3	0	0	10	0	2	1
24 $\frac{1}{2}$ 25 $\frac{1}{2}$	0	3	0 $\frac{3}{4}$	0	8	7 $\frac{1}{4}$	0	11	8
21 26	0	2	8 $\frac{1}{4}$	0	8	11 $\frac{3}{4}$	0	11	8
19 $\frac{1}{4}$ 24	0	2	3 $\frac{1}{2}$	0	8	1 $\frac{1}{2}$	0	10	5
16 20 $\frac{1}{4}$	0	1	6 $\frac{1}{4}$	0	3	8 $\frac{1}{4}$	0	5	2 $\frac{1}{2}$
15 20	0	1	11	0	2	8	0	4	7
17 $\frac{1}{2}$ 22	0	3	10	0	4	8 $\frac{1}{2}$	0	8	6 $\frac{1}{2}$
17 $\frac{1}{2}$ 22	0	2	3 $\frac{1}{2}$	0	5	2 $\frac{1}{2}$	0	7	6
17 22	0	2	8 $\frac{1}{2}$	0	3	6 $\frac{3}{4}$	0	6	3
15 $\frac{1}{2}$ 20	0	2	8 $\frac{1}{4}$	0	2	8 $\frac{3}{4}$	0	5	5
14 20 $\frac{1}{4}$	0	1	11	0	3	3 $\frac{1}{2}$	0	5	2 $\frac{1}{2}$
17 $\frac{1}{2}$ 22	0	1	11	0	1	0	0	2	11
15 $\frac{1}{2}$ 20	0	4	3 $\frac{3}{4}$	0	0	8 $\frac{1}{4}$	0	5	0

FIRST CLASS—DUTY

Names of Papers.	Weight.	Reams a Day's Work.	Old Table.
	lb.		
Demy Large Double . . .	120 B	3	3
Double	100 B	3½	3
Eagle Grand	120 R		2
Elephant	40 R	4½	2
Common	38 R	4½	4
Fan Large	19 R		2
Small	8 R		2
Fool's Cap	15 R	10	1
Second	15 R	10	2
Imperial Writing	80 R	3	1
Plate	80 R	3	2
Littrefs	17 R	10	2
Medium Writing	34 R	5½	1
Printing	44 B	6½	3
Post, Thick Large	21 R	6	1
Thin Large	16 R	6½	1
Thick	18 R	6½	1
Thin	13 R	7	1
Extra Thin	8 R		1
Small	10 R	10	1
Pott, Fine	10 R	12	1
Second	9 R	12	2
Double	36 B	6	3
Royal Writing	45 R	5	1
Plate	46 R	5	2
Super Writing	54 R	4	1
Printing	56 B	6	3
Inferior	50 B	6	3
Long	45 R	5	2

TWOPENCE HALFPENNY.

Dimensions.	Old Duty.	The Advance.			The Whole Duty taken by the lb.		
		L.	s.	d.	L.	s.	d.
28 by 40	0	9	4	0	15	8	1
26 38 $\frac{1}{2}$	0	8	4	0	12	6	1
26 $\frac{3}{4}$ 40	0	17	3	0	7	9	1
23 28	0	3	5 $\frac{1}{2}$	0	4	10 $\frac{1}{2}$	0
23 28	0	1	11	0	6	0	0
23 $\frac{1}{2}$ 20 $\frac{1}{2}$	0	3	5 $\frac{1}{2}$	0	0	6	0
22 $\frac{1}{4}$ 13 $\frac{3}{4}$	0	2	7	0	0	0	0
13 $\frac{1}{2}$ 16 $\frac{3}{4}$	0	2	3 $\frac{1}{2}$	0	0	10	0
13 $\frac{1}{2}$ 16 $\frac{3}{4}$	0	1	3	0	1	10 $\frac{1}{2}$	0
22 30 $\frac{1}{4}$	0	13	9 $\frac{1}{2}$	0	2	10 $\frac{1}{2}$	0
22 30 $\frac{1}{4}$	0	7	5 $\frac{3}{4}$	0	9	2 $\frac{1}{4}$	0
13 $\frac{1}{2}$ 17 $\frac{1}{2}$	0	1	3	0	2	3 $\frac{1}{2}$	0
17 $\frac{1}{2}$ 22 $\frac{1}{2}$	0	6	4	0	0	9	0
18 23	0	4	2 $\frac{1}{2}$	0	4	11 $\frac{1}{2}$	0
16 $\frac{1}{2}$ 21	0	3	10	0	0	6 $\frac{1}{2}$	0
16 $\frac{1}{2}$ 21	0	3	0 $\frac{3}{4}$	0	0	3 $\frac{1}{4}$	0
15 $\frac{1}{4}$ 19 $\frac{1}{2}$	0	3	5 $\frac{1}{2}$	0	0	3 $\frac{1}{2}$	0
15 $\frac{1}{4}$ 19 $\frac{1}{2}$	0	2	8 $\frac{1}{4}$	0	0	0 $\frac{1}{4}$	0
15 $\frac{1}{4}$ 19 $\frac{1}{2}$	0	0	0	0	0	0	0
13 $\frac{1}{2}$ 16 $\frac{1}{2}$	0	2	0 $\frac{1}{4}$	0	0	0 $\frac{3}{4}$	0
12 $\frac{1}{2}$ 15 $\frac{1}{2}$	0	1	6 $\frac{1}{2}$	0	0	6 $\frac{1}{2}$	0
12 $\frac{1}{2}$ 15 $\frac{1}{2}$	0	0	11 $\frac{1}{2}$	0	0	11	0
17 25 $\frac{1}{2}$	0	2	3 $\frac{1}{2}$	0	5	2 $\frac{1}{2}$	0
19 $\frac{1}{4}$ 24	0	7	9 $\frac{1}{4}$	0	1	7 $\frac{1}{4}$	0
19 $\frac{1}{4}$ 24	0	4	0 $\frac{1}{4}$	0	5	6 $\frac{3}{4}$	0
19 $\frac{1}{4}$ 27 $\frac{1}{2}$	0	10	4 $\frac{1}{4}$	0	0	0 $\frac{3}{4}$	0
19 $\frac{1}{4}$ 24	0	5	4 $\frac{1}{2}$	0	6	3 $\frac{1}{2}$	0
19 $\frac{1}{4}$ 24	0	3	0 $\frac{3}{4}$	0	7	4 $\frac{3}{4}$	0
27 $\frac{1}{2}$ 18	0	4	7 $\frac{1}{4}$	0	4	9 $\frac{1}{4}$	0

S E C O N D

Duty One

Names of Papers.	Weight.	Reams, a Day's Work.
	lb.	
Blue Demy	36 B	7
Blotting	36 B	7
Blue Elephant		4 $\frac{1}{2}$
Crown Single	28 B	10
Royal	50 B	6
Couples	20	10 dble
Double 2 Pound	36 B	4 $\frac{1}{2}$ dble
2 lb. Single	18 B	9
Lumber Hand	38 B	7
Middle Hand	32 B	
Purple Royal	26 R	6
Royal Hand Thick		
Hand	45 B	6
Small Hand	24 B	10
Hand Double	48 B	5
Sugar Blue	150 R	
Smaller Size	112 R	
Demy Size	70 R	6
Crown Size	50 R	6
Blue Double Crown	48 B	5
Middle Hand Double ..	60 B	

CLASS.

Penny per lb.

Dimensions.	Old Duty.			Advance.			The present Duty.		
	L.	s.	d.	L.	s.	d.	L.	s.	d.
17 $\frac{1}{2}$ by 22	0	2	0 $\frac{1}{4}$	0	0	11 $\frac{3}{4}$	0	3	0
17 $\frac{1}{2}$ 22	0	2	0 $\frac{1}{4}$	0	0	11 $\frac{3}{4}$	0	3	0
23 28	0	2	3 $\frac{1}{2}$						
15 20	0	1	1 $\frac{3}{4}$	0	1	2 $\frac{1}{4}$	0	2	4
19 $\frac{1}{2}$ 24 $\frac{1}{4}$	0	3	0 $\frac{3}{4}$	0	1	1 $\frac{1}{4}$	0	4	2
{ 12 10 }	0	0	5 $\frac{3}{4}$	0	1	2 $\frac{1}{4}$	0	1	8
{ 9 7 $\frac{1}{2}$ }									
24 16	0	1	1 $\frac{3}{4}$	0	1	10 $\frac{1}{4}$	0	3	0
16 11	0	0	5 $\frac{3}{4}$	0	1	0 $\frac{1}{4}$	0	1	6
23 18	0	1	6 $\frac{1}{2}$	0	1	7 $\frac{1}{2}$	0	3	2
22 16	0	1	1 $\frac{3}{4}$	0	1	6 $\frac{1}{4}$	0	2	8
19 $\frac{1}{2}$ 24 $\frac{1}{4}$	0	1	6 $\frac{1}{2}$	0	0	7 $\frac{1}{2}$	0	2	2
24 19 $\frac{1}{4}$	0	1	4						
24 19 $\frac{1}{4}$	0	1	6 $\frac{1}{2}$	0	2	2 $\frac{1}{2}$	0	3	9
19 $\frac{3}{4}$ 16	0	0	9 $\frac{1}{4}$	0	1	2 $\frac{3}{4}$	0	2	0
32 20	0	1	6 $\frac{1}{2}$	0	2	5 $\frac{1}{2}$	0	4	0
21 $\frac{1}{2}$ 33	0	3	0 $\frac{1}{4}$	0	9	5 $\frac{1}{4}$	0	12	6
18 $\frac{3}{4}$ 27	0	2	3 $\frac{1}{2}$	0	7	0 $\frac{1}{2}$	0	9	4
17 $\frac{1}{2}$ 22	0	1	11	0	3	11	0	5	10
15 20	0	1	11	0	2	3	0	4	2
20 30	0	2	8 $\frac{1}{2}$	0	1	3 $\frac{1}{2}$	0	4	0
33 21	0	2	3 $\frac{1}{2}$	0	2	8 $\frac{1}{2}$	0	5	0

T H I R D

Duty One Half.

Names of Papers.	Weight.	Reams, a Day's Work.
Bag Cap	50 R	6
Four Pound	40 R	9
Double Four Pound ...	80 R	4½
Pound and Half Pound } Couples	24	10
Havin Cap	56 R	6
Imperial Cap	90 R	4½
Kentish Cap	36 R	7
Small Cap	16 R	12
Single 2 Brown	30 B	10

To find the Duty upon any Paper, provided you know vance, look for the Denominated Paper, and facing it in from the other, the remainder will be the Advance Duty, Half-penny Duty for No. 48, it shews 10s. od. the Old

CLASS.

Penny per lb.

Dimensions.	Old Duty.	Advance.	The Whole Duty.
$23\frac{1}{2}$ by 19	0 0 11 $\frac{1}{2}$	0 1 1 $\frac{1}{2}$	0 2 1
20 16	0 0 9 $\frac{1}{4}$	0 0 10 $\frac{3}{4}$	0 1 8
33 20	0 1 6 $\frac{1}{2}$	0 1 9 $\frac{1}{2}$	0 3 4
$\left\{ \begin{array}{l} 12 \quad 10 \\ 9 \quad 7\frac{1}{2} \end{array} \right\}$	0 0 5 $\frac{3}{4}$	0 0 6 $\frac{1}{4}$	0 1 0
24 20	0 1 1 $\frac{3}{4}$	0 1 2 $\frac{1}{4}$	0 2 4
29 22	0 1 6 $\frac{1}{2}$	0 2 2 $\frac{1}{2}$	0 3 9
21 18	0 0 9 $\frac{1}{4}$	0 8 $\frac{3}{4}$	0 1 6
20 15	0 0 5 $\frac{3}{4}$	0 0 2 $\frac{1}{4}$	0 0 8
16 11	0 0 9 $\frac{1}{4}$	0 0 5 $\frac{3}{4}$	0 1 3

the Weight, see the following Tables—To know the Ad-
the sixth Column you will find the Old Duty, subtract one
viz. If for Demy Single, 48lb. look into the Twopence
Duty 3s. 10^d which tells the advance to be 6s. 2d.

FIRST CLASS—DUTY 2 PENCE HALF-PENNY.

N.	l.	s.	d.	q.	N.	l.	s.	d.	q.
1	0	0	2	2	29	0	6	0	2
2	0	0	5	0	30	0	6	3	0
3	0	0	7	2	31	0	6	5	2
4	0	0	10	0	32	0	6	8	0
5	0	1	0	2	33	0	6	10	2
6	0	1	3	0	34	0	7	1	0
7	0	1	5	2	35	0	7	3	2
8	0	1	8	0	36	0	7	6	0
9	0	1	10	2	37	0	7	8	2
10	0	2	1	0	38	0	7	11	0
11	0	2	3	2	39	0	8	1	2
12	0	2	6	0	40	0	8	4	0
13	0	2	8	2	41	0	8	6	2
14	0	2	11	0	42	0	8	9	0
15	0	3	1	2	43	0	8	11	2
16	0	3	4	0	44	0	9	2	0
17	0	3	6	2	45	0	9	4	2
18	0	3	9	0	46	0	9	7	0
19	0	3	11	2	47	0	9	9	2
20	0	4	2	0	48	0	10	0	0
21	0	4	4	2	49	0	10	2	2
22	0	4	7	0	50	0	10	5	0
23	0	4	9	2	51	0	10	7	2
24	0	5	0	0	52	0	10	10	0
25	0	5	2	2	53	0	11	0	2
26	0	5	5	0	54	0	11	3	0
27	0	5	7	2	55	0	11	5	2
28	0	5	10	0	56	0	11	8	0

FIRST CLASS—DUTY 2 PENCE HALF-PENNY.

N.	l.	s.	d.	q.	N.	l.	s.	d.	q.
57	0	11	10	2	85	0	17	8	2
58	0	12	1	0	86	0	17	11	0
59	0	12	3	2	87	0	18	1	2
60	0	12	6	0	88	0	18	4	0
61	0	12	8	2	89	0	18	6	2
62	0	12	11	0	90	0	18	9	0
63	0	13	1	2	91	0	18	11	2
64	0	13	4	0	92	0	19	2	0
65	0	13	6	2	93	0	19	4	2
66	0	13	9	0	94	0	19	7	0
67	0	13	11	2	95	0	19	9	2
68	0	14	2	0	96	1	0	0	0
69	0	14	4	2	97	1	0	2	2
70	0	14	7	0	98	1	0	5	0
71	0	14	9	2	99	1	0	7	2
72	0	15	0	0	100	1	0	10	0
73	0	15	2	2	200	2	1	8	0
74	0	15	5	0	300	3	2	6	0
75	0	15	7	2	400	4	3	4	0
76	0	15	10	0	500	5	4	2	0
77	0	16	0	2	600	6	5	0	0
78	0	16	3	0	700	7	5	10	0
79	0	16	5	2	800	8	6	8	0
80	0	16	8	0	900	9	7	6	0
81	0	16	10	2	1000	10	8	4	0
82	0	17	1	0	Great Hundred				
83	0	17	3	2	112	1	3	4	0
84	0	17	6	0					

SECOND CLASS—DUTY ONE PENNY.

N.	l.	s.	d.	N.	l.	s.	d.
1	0	0	1	29	0	2	5
2	0	0	2	30	0	2	6
3	0	0	3	31	0	2	7
4	0	0	4	32	0	2	8
5	0	0	5	33	0	2	9
6	0	0	6	34	0	2	10
7	0	0	7	35	0	2	11
8	0	0	8	36	0	3	0
9	0	0	9	37	0	3	1
10	0	0	10	38	0	3	2
11	0	0	11	39	0	3	3
12	0	1	0	40	0	3	4
13	0	1	1	41	0	3	5
14	0	1	2	42	0	3	6
15	0	1	3	43	0	3	7
16	0	1	4	44	0	3	8
17	0	1	5	45	0	3	9
18	0	1	6	46	0	3	10
19	0	1	7	47	0	3	11
20	0	1	8	48	0	4	0
21	0	1	9	49	0	4	1
22	0	1	10	50	0	4	2
23	0	1	11	51	0	4	3
24	0	2	0	52	0	4	4
25	0	2	1	53	0	4	5
26	0	2	2	54	0	4	6
27	0	2	3	55	0	4	7
28	0	2	4	56	0	4	8

SECOND CLASS—DUTY ONE PENNY.

N.	l.	s.	d.	N.	l.	s.	d.
57	0	4	9	85	0	7	1
58	0	4	10	86	0	7	2
59	0	4	11	87	0	7	3
60	0	5	0	88	0	7	4
61	0	5	1	89	0	7	5
62	0	5	2	90	0	7	6
63	0	5	3	91	0	7	7
64	0	5	4	92	0	7	8
65	0	5	5	93	0	7	9
66	0	5	6	94	0	7	10
67	0	5	7	95	0	7	11
68	0	5	8	96	0	8	0
69	0	5	9	97	0	8	1
70	0	5	10	98	0	8	2
71	0	5	11	99	0	8	3
72	0	6	0	100	0	8	4
73	0	6	1	200	0	16	8
74	0	6	2	300	1	5	0
75	0	6	3	400	1	13	4
76	0	6	4	500	2	1	8
77	0	6	5	600	2	10	0
78	0	6	6	700	2	18	4
79	0	6	7	800	3	6	8
80	0	6	8	900	3	15	0
81	0	6	9	1000	4	3	4
82	0	6	10	<i>Great Hundred</i>			
83	0	6	11	112	0	9	4
84	0	7	0				

THIRD CLASS—DUTY HALF PENNY.

N.	l.	s.	d.	q.	N.	l.	s.	d.	q.
1	0	0	0	2	29	0	1	2	2
2	0	0	1	0	30	0	1	3	0
3	0	0	1	2	31	0	1	3	2
4	0	0	2	0	32	0	1	4	0
5	0	0	2	2	33	0	1	4	2
6	0	0	3	0	34	0	1	5	0
7	0	0	3	2	35	0	1	5	2
8	0	0	4	0	36	0	1	6	0
9	0	0	4	2	37	0	1	6	2
10	0	0	5	0	38	0	1	7	0
11	0	0	5	2	39	0	1	7	2
12	0	0	6	0	40	0	1	8	0
13	0	0	6	2	41	0	1	8	2
14	0	0	7	0	42	0	1	9	0
15	0	0	7	2	43	0	1	9	2
16	0	0	8	0	44	0	1	10	0
17	0	0	8	2	45	0	1	10	2
18	0	0	9	0	46	0	1	11	0
19	0	0	9	2	47	0	1	11	2
20	0	0	10	0	48	0	2	0	0
21	0	0	10	2	49	0	2	0	2
22	0	0	11	0	50	0	2	1	0
23	0	0	11	2	51	0	2	1	2
24	0	1	0	0	52	0	2	2	0
25	0	1	0	2	53	0	2	2	2
26	0	1	1	0	54	0	2	3	0
27	0	1	1	2	55	0	2	3	2
28	0	1	2	0	56	0	2	4	0

THIRD CLASS—DUTY HALFPENNY.

N.	l.	s.	d.	q.	N.	l.	s.	d.	q.
57	0	2	4	2	85	0	3	6	2
58	0	2	5	0	86	0	3	7	0
59	0	2	5	2	87	0	3	7	2
60	0	2	6	0	88	0	3	8	0
61	0	2	6	2	89	0	3	8	2
62	0	2	7	0	90	0	3	9	0
63	0	2	7	2	91	0	3	9	2
64	0	2	8	0	92	0	3	10	0
65	0	2	8	2	93	0	3	10	2
66	0	2	9	0	94	0	3	11	0
67	0	2	9	2	95	0	3	11	2
68	0	2	10	0	96	0	4	0	0
69	0	2	10	2	97	0	4	0	2
70	0	2	11	0	98	0	4	1	0
71	0	2	11	2	99	0	4	1	2
72	0	3	0	0	100	0	4	2	0
73	0	3	0	2	200	0	8	4	0
74	0	3	1	0	300	0	12	6	0
75	0	3	1	2	400	0	16	8	0
76	0	3	2	0	500	1	0	10	0
77	0	3	2	2	600	1	5	0	0
78	0	3	3	0	700	1	9	2	0
79	0	3	3	2	800	1	13	4	0
80	0	3	4	0	900	1	17	6	0
81	0	3	4	2	1000	2	1	8	0
82	0	3	5	0	Great Hundred				
83	0	3	5	2	112	0	4	8	0
84	0	3	6	0					

THE following TABLE will tell the Value of the Neat Rag from a Farthing to Sixpence per lb. by the Hundred Weight, and what quantity an Hundred Pounds will buy fit for the Engine; to shew the Rate per Cent upon each Duty before it is made into Paper.

I have not in the Calculation of the Quantity of Rags, a Hundred Pounds will buy or cost, allowed one Pound in Ten loss from the Rag-House to the Engine, or added one Pound in Twenty got by Sizing in the Tub.

The Use of the following Table—If I lay out 100l. in Rags, at Sixpence per lb. it will be after the rate of 2l. 16s. 0d. per cwt. suppose for the London Fines sorted fit for the Engine, which will buy 4000lb. of Rags to make Writing Paper, and paying Duty at $2\frac{1}{2}$ d per lb. will amount to 41l. 13s. 4d. —Again, If I lay out 100l. for Rags, at $3\frac{1}{2}$ d per lb. fit to make Double Demy, or Printing Paper, it will buy 6857 lb. of Rags, which paying Duty at $2\frac{1}{2}$ d per lb. will amount to 71l. 8s. 6d $\frac{1}{2}$. —The difference in the Duty is seen at one View by Subtraction, viz.

l.	s.	d.
71	8	6 $\frac{1}{2}$
41	13	4
29	15	2 $\frac{1}{2}$



£100 worth of Rags will pay the under Duty.

At pr lb.	Pr. the Cwt.			Buy fo many Rags. lb.	Duty $2\frac{1}{2}$ d or Rate pr. Cent.			Duty 1d or Rate pr. Cent.			Duty $\frac{1}{2}$ d or Rate pr. Cent.		
	L.	s.	d.		L.	s.	d.	L.	s.	d.	L.	s.	d.
6	2	16	0	4000	41	13	4	16	13	4	8	6	8
$5\frac{3}{4}$	2	13	8	4173	43	9	$4\frac{1}{2}$	17	7	$9\frac{3}{4}$	8	13	11
$5\frac{1}{2}$	2	11	4	4363	45	8	$11\frac{1}{2}$	18	3	$7\frac{1}{2}$	9	1	$9\frac{1}{2}$
$5\frac{1}{4}$	2	9	0	4571	47	12	$3\frac{1}{2}$	19	0	$11\frac{1}{4}$	9	10	$5\frac{1}{2}$
5	2	6	8	4800	50	0	0	20	0	0	10	0	0
$4\frac{3}{4}$	2	4	4	5052	52	12	6	21	1	$0\frac{1}{2}$	10	10	6
$4\frac{1}{2}$	2	2	0	5333	55	11	$0\frac{1}{2}$	22	4	5	11	2	$2\frac{1}{4}$
$4\frac{1}{4}$	1	19	8	5647	58	16	$5\frac{1}{2}$	23	10	7	11	15	$3\frac{1}{2}$
4	1	17	4	6000	62	10	0	25	0	0	12	10	0
$3\frac{3}{4}$	1	15	0	6400	66	13	4	26	13	4	13	6	8
$3\frac{1}{2}$	1	12	8	6857	71	8	$6\frac{1}{2}$	28	11	5	14	5	$8\frac{1}{2}$
$3\frac{1}{4}$	1	10	4	7384	76	18	4	30	15	$4\frac{1}{2}$	15	7	8
3	1	8	0	8000	83	6	8	33	6	8	16	13	4
$2\frac{3}{4}$	1	5	8	8726	90	17	$11\frac{1}{2}$	36	7	2	18	3	7
$2\frac{1}{2}$	1	3	4	9600	100	0	0	40	0	0	20	0	0
$2\frac{1}{4}$	1	1	0	10666	111	2	1	44	8	10	22	4	5
2	0	18	8	12000	125	0	0	50	0	0	25	0	0
$1\frac{3}{4}$	0	16	4	13714	142	17	$1\frac{1}{2}$	57	2	10	28	11	0
$1\frac{1}{2}$	0	14	0	16000	166	13	4	66	13	4	33	6	8
$1\frac{1}{4}$	0	11	8	19200	200	0	0	80	0	0	40	0	0
1	0	9	4	24000	250	0	0	100	0	0	50	0	0
$\frac{3}{4}$	0	7	0	32000	333	6	8	133	6	8	66	13	4
$\frac{1}{2}$	0	4	8	48000	500	0	0	200	0	0	100	0	0
$\frac{1}{4}$	0	2	4	96000	1000	0	0	400	0	0	200	0	0

PAPER MAKERS' HOLIDAYS. *

		Christmas—Six Days.
		Christmas Eve.
		Easter—Two Days and a half.
		Whitsuntide—Two Days and a half.
		<i>The following are Half Holidays.</i>
		Ash Wednesday.
		Good Friday.
January	25	Conversion of St. Paul.
February	2	Purification of the V. Mary.
	24	St. Mathias.
March	1	St. David. †
	25	Lady Day.
April	23	St. George. †
	25	St. Mark.
May	1	St. Philip and James.
June	21	St. Barnabas.
	24	St. John the Baptist.
	29	St. Peter and Paul.
July	15	St. Swithin.
	25	St. James.
August	1	Lammas Day.
	24	St. Bartholomew.
September	21	St. Matthew.
	29	St. Michael.
October	18	St. Luke.
	28	St. Simon and Jude.
November	1	All Saints.
	2	All Souls. †
	30	St. Andrew.
December	21	St. Thomas.

* The *over*, or sheets made by the odd felts in the year, pay the Maker for the Holidays.

† Kept only by some Makers. The Holidays vary at different Mills.

